

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

٠	- AND ENGLY		INFORMATION DISCLOSE	RE STATEMENT	
In re	Applicat	ion of:	Anderson, et al.	Attorney Docket No:	KCX-723 (19746)
Serial	No:		10/643,014	Date:	February 18, 2004
Filed:			August 18, 2003	Art Unit:	1731
Confir	mation	No:	2961	Our Customer ID:	22827
Title:			Recycling Of Latex-Containing Broke	Our Account No:	04-1403
U.S. P Post O	atent an ffice Bo		mark Office		; ; ;
Sir:			•		
The fo 1.56, 1	llowing .97, and	is an Ir I 1.98.	nformation Disclosure Statement for the captio	ned patent application, purs	uant to 37 CFR Sections
1.[x]	Attach	ed here	to is:		
	a.[x]	A list	of materials for consideration per Rule 98(a)(1	: <u>3</u> page(s)	
	b.[x]	98 and	ble copy of each patent, publication, or other it d/or as indicated on the attached list(s): item(s)	tem listed per Rule 98(1)(2)	, unless not required per Rule
	c.[]	thereo	ch non-English language item listed, pursuant f as it is presently understood by the individuant of such items:	to Rule 98(a)(3), a concise l designated in Rule 56(c) n	explanation of the relevance nost knowledgeable about the
*			ch explanation is provided in the Search Reporwith any enclosed translation into English.	t from a corresponding appl	ication enclosed herewith
2.[x]	This Ir	nformati	on Disclosure Statement is being filed [CHEC	K ONE]:	
	a.[x]	after a	IN THREE MONTHS of the application filing request for continued examination, <u>OR BEFO</u> , which ever event occurs last, <u>WHEREFORE</u> ired.	RE the mailing date of a fir	st Office Action on the
	b.[ ]	AFTE action ONE]	R the time periods of section 2.a above, but Bi that otherwise closes prosecution, <u>WHEREFO</u>	EFORE a Final Action, Not <u>ORE</u> PER Rule 97(c) submit	ice of Allowance <u>OR</u> an ted herewith is [CHECK
		i.[ ]	Certification per Rule 97(e); OR		
		ii[]	Filing Fee per Rule 17(p)		\$180.00
•	c.[]		R a Final Action <u>OR</u> Notice of Allowance, but 7(d) submitted herewith is:	BEFORE payment of the i	ssue fee, <u>WHEREFORE</u> per
		i.	Certification per Rule 97(e); AND		
		ii.	Filing fee per Rule 17(p)		\$180.00
3.[]	Rule 9	7(e) Cei CK ONE	tification; per Rule 97(e), the undersigned cert	tifying party make the follow	wing certification statement
	a.[]	comm	ach item of information contained in this Inforunication from a foreign patent office in a court of the filing of this statement; <u>OR</u>	mation Disclosure Statemer nterpart foreign application	nt was first cited in a not more than three months
	b.[ ]	That n	o item of information contained in this Inform	ation Disclosure Statement	was cited in a foreign patent

Page 1 of 2

this statement.

office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of

DM-10/03

Address:	to charge any fee spor which should have ales 16-18 (deficience Rule 20, or credit and plicate copy of this se	e been filed by only) v
now or hereafter relative to this application and the resulting official document under loverpayment, to our Account No. shown in the heading hereof for which purpose a <u>du</u> attached. This statement <u>does not authorize</u> charge of the <u>issue fee</u> in this case.		
5.[x] CERTIFICATE OF MAILING: This Information Disclosure Statement is being filed COMPLETE ONE]:	pursuant to [CHECK	K AND
a.[x] First Class Mail Certificate of Mailing under Rule 8:		
I hereby certify that this correspondence and any referenced attachment and/or the United States Postal Service as first class mail in an envelope addressed to	r fee are being depos the:	ited with \$
Commissioner for Patents U.S. Patent and Trademark Office Post Office Box 1450 Alexandria, VA 22313-1450		
on <u>February 18, 2004</u> .		
Sandra S. Perkins (Typed/printed name of person mailing paper or fee)		
(Signature of person mailing paper or fee)		
b.[] "Express Mail" Certificate under Rule 10:		
"Express Mail" – Label No Date of Deposit		<i>i</i> -
I hereby certify that this paper and all attachments and any fee are being depos Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 o is addressed to the:	ited with the U.S. Pont the date indicated	ostal above and
Commissioner for Patents U.S. Patent and Trademark Office Post Office Box 1450 Alexandria, VA 22313-1450.	·	
(Typed/printed name of person mailing paper or fee)		
(Signature of person mailing paper or fee)		1
ADDRESS: DORITY & MANNING, P.A		(
Post Office Box 1449  Greenville, South Carolina 29602  Felephone: 864-271-1592  Facsimile: 864-233-7342  By: Christina L. Mangelsen,  Reg. No: 50,244	Patent Agent	
Signature: Signature: Date: February 18, 2004	Magde	

Sheet 1 of 3 Attorney Docket Number: Serial Number: Information Disclosure Statement List KCX-723 (19746) 10/643,014 By Applicant(s) Applicant: Under 37 CFR Section 1.98(a) (1) Anderson, et al. (Use several sheets if necessary) Filing Date: Group Art Unit: August 18, 2003 1731 Confirmation No: 2961

NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

- (1) This item is cumulative, per Rule 98(c)
- A copy of this item was previously cited by or submitted to the U.S. (2) Patent and Trademark Office in:

USSN	, filed	, or
USSN	, filed	
Relied on under 35 U.S.C.	Section 120, per Rule 98(d)	

- Both reasons (1) and (2) apply
- (3) (4) No legible complete copy is possessed, in custody of controlled, or readily available
- Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), (5) the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

EXAMINER	PATENTEE NAME PATENT NUMBER								ISSUE	COPY
INITIALS					DATE	NOTE				
	Billingham	1	4	2	2	2	5	1	07/11/1922	5
	Hollis	2	6	9	7	6	6	1	12/21/1954	5
	Teichmann	2	8	8	9	2	4	2	06/02/1959	. 5
	Hollis	2	9	7	7	2	7	4	03/28/1961	5
	Sandberg	3	0	5	7	7	6	9	10/09/1962	5
	Walton	3	2	6	0	7	7	8	07/12/1966	5
	Mekata, et al.	3	6	4	4	1	7	0	02/22/1972	5
	Lee, et al.	3	7	7	3	6	1	3	11/20/1973	5
	Johansen	3	7	8	5	9	2	0	01/15/1974	. 5
	Bolton, III	3	7	9	1	9	1	7	02/12/1974	5
	Meisel, Jr., et al.	3	8	4	4	8	8	0	10/29/1974	5
	Gentile, et al.	3	8	7	9	2	5	9	04/22/1975	5
	Bauer	3	9	3	9	0	6	6	02/17/1976	5
	Grube, et al.	4	0	5	0	8	9	9	09/27/1977	5
	Diebold, et al.	4	1	0	0	0	1	6	07/11/1978	5
	Mamers, et al.	4	1	6	3	6	8	7	08/07/1979	5
	Burke, Jr.	4	2	3	5	7	0	7	11/25/1980	5
	Koglin	4	2	6	1	8	3	6	04/14/1981	5
	Haataja, et al.	4	3	0	3	0	1	9	12/01/1981	. 5
	Campbell	4	3	1	2	7	0	1	01/26/1982	5
	Danforth	4	3	6	5	7	6	1	12/28/1982	5
	Foody	4	4	6	1	6	4	8	07/24/1984	5
	Danforth	4	4	8	2	0	9	5	11/13/1984	5
	Trokhan	4	5	2	9	4	8	0	07/16/1985	5
	Grube, et al.	4	5	4	0	4	6	7	09/10/1985	5
	Galli, et al.	4	6	0	0	5	4	5	07/15/1986	5
	Miers, et al.	4	6	1	5	7	6	7	10/07/1986	5
	DeLong	4	6	4	5	5	4	1	02/24/1987	. 5
	Terry	4	6	6	8	3	3	9	05/26/1987	. 5
	Villavicencio	4	6	9	9	6	9	1	10/13/1987	5
	Chan, et al.	4	7	2	2	9	6	4	02/02/1988	5
	Didwania, et al.	4	7	3	5	6	8	2	04/05/1988	5
	DeLong, et al.	4	7	5	1	Ō	3	4	06/14/1988	5
	Kokta	4	7	9	8	6	5	1	01/17/1989	5
	Terry, et al.	4	8	6	7	3	8	3	09/19/1989	5
	Koteles	4	8	9	7	1	5	5	01/30/1990	5
	Parsons, et al.	4	9	1	9	8	7	7	04/24/1990	<del>5</del>

Attorney Docket Number: Serial Number: Information Disclosure Statement List KCX-723 (19746) 10/643,014 By Applicant(s) Applicant: Under 37 CFR Section 1.98(a) (1) Anderson, et al. (Use several sheets if necessary) Filing Date: Group Art Unit: August 18, 2003 1731 Confirmation No: 2961

		_								4
	Sylla, et al.	4	9	3	4	6	0	8	06/19/1990	. 5
	Maxham	4	9	8	3	2	5	8	01/08/1991	5
	Maxham	_ 5	0	0	2	6	3	3	03/26/1991	. 5
	Hoffman	5	0	1	1	7	4	1	04/30/1991	5
	Pimley, et al.	5	0	2	2	9	8	4	06/11/1991	. 5
	Thompson, et al.	5	0	5	9	2	8	0	10/22/1991	5
	Eber, et al.	5	1	0	2	5	0	1	04/07/1992	. 5
	Ake, et al.	5	1	0	2	6	0	6	04/07/1992	5
	Law	5	1	1	4	5	4	0	05/19/1992	5
	Bouchette, et al.	5	1	2	2	2	2	8	06/16/1992	. 5
	Farrington, Jr.	5	1	2	9	9	8	8	07/14/1992	5
	Gilkey	5	1	3	3	8	3	2	07/28/1992	. 5
	Maxham	5	1	3	7	5	9	9	08/11/1992	5
	Burton	5	2	1	5	6	2	5	06/01/1993	5
	Van Phan	5	2	1	7	5	7	6	06/08/1993	. 5
	Chupka, et al.	5	2	6	2	10	0	3	11/16/1993	- 5
	Gilbert, et al.	5	2	6	2	0	0	4	11/16/1993	5
· · · · · ·	Maxham	5	3	3	2	4	7	4	07/26/1994	5
-	Hill, et al.	5	3	4	4	5	7	3	09/06/1994	5
	Prough, et al.	5	4	0	1	3	6	1	03/28/1995	5
	Jansma, et al.	5	4	0	1	8	1	0	03/28/1995	. 5
	Keller, et al.	5	4	2	9	3	1	0	07/04/1995	5
	Hamilton	5	4	7	8	4	4	1	12/26/1996	5
	Edwards, et al.	5	4	9	4	5	5	4	02/27/1996	. 5
	Tran	5	4	9	6	4	4	1	03/05/1996	5
	Scholz	5	4	9	8	2	3	2	03/03/1996	5
	Leuthold, et al.	5	5	2	7	4	3	2	06/18/1996	5
	Frederick, et al.	5	5	7	3	6	4	0	11/12/1996	5
	Back, et al.	5	5	8	2	6	8	1	12/10/1996	5
	Wyllie	5	6	7	4	3	6	0	10/07/1997	5
	Hankins, et al.	5	7	5	5	9	2	6	05/26/1998	5
	Sun, et al.	5	8	5	8	0	2	1	03/20/1998	5
	Honeycutt, et al.	- 5	9	7	2	0	3	9	10/26/1999	
	Anderson	5	9	8	9	6	8	2	11/23/1999	. 5
	Hsu, et al.	6	0	0	1	2	1	8	12/14/1999	. 5
	Back, et al.	6	0	2	7	6	1	0	02/22/2000	5
	Danforth, et al.	6	0	5	3	4	4	1	04/25/2000	5
	Hoffman	6	0	7	1	3	8	0	06/06/2000	, 5
	Hsu, et al.	6	0	7	4	5	2	7	06/06/2000	. 5
	Shih, et al.	6	1	2	0	6	4	0	09/19/2000	. 5
	Hsu, et al.	6	2	9	6	7	3	6	10/02/2001	5
	Danforth, et al.	6	3	0	2	3	4	2	10/02/2001	, <u>5</u>
	Anderson, et al.	6	3	1	5	8	6	4	11/13/2001	5
	Hsu, et al.	6	3	17	2	0	8	5	04/16/2002	5
	Hsu, et al.	6	3	8	7	2	1	0	05/14/2002	5
	Hsu, et al.	6	4	1	3	3	6	3	07/02/2002	5
	Goulet, et al.	6	4	1	9	7	8	7	07/16/2002	5
	Merker, et al.	6	5	0	0	2	8	9	12/31/2002	5
<del></del>		+	الله	<del>اٽ</del>	۲	-	۳	<del>  ^ -</del>	12/31/2002	_ ر
	<del></del>		L	L	L	<b></b>	i	L	l	

U.S. PATENT	APPLICATION PUBLICATION	roi1	1S	_						· · · · · · · · · · · · · · · · · · ·
EXAMINER INITIALS	APPLICANT'S NAME	PU	BLI	CAT	ION	NUN	PUBLICATION DATE	COPY		
	Anderson, et al.	0	1	1	8	7	7	6	06/26/2003	5
	Hsu, et al.	0	1	6	2	6	3	5	11/07/2002	- 5

Sheet 3 of 3 (Rev. 5/92)

The partial information Disclosure Statement List Attorney Docket Number: Serial Number: KCX-723 (19746) 10/643,014 By Applicant(s) Applicant: Under 37 CFR Section 1.98(a) (1) Anderson, et al. (Use several sheets if necessary) Filing Date: Group Art Unit: August 18, 2003 1731 Confirmation No: 2961

EXAMINER INITIALS		COUNTRY	COUNTRY DOCUMENT NUMBER								PUBLICATION DATE	TRAI	COPY NOTE		
												YES	NO	N/A	
		EP	0	5	5	7	6	5	1	A1	09/01/1993			X	
		AU-B	2	9	6	1	5	9	2		08/26/1993			X	
		GB	4	7	6	5	6	9			12/06/1937			X	
		CA	5	6	4	7	0	0			10/14/1958			X	
		WO	9	6	0	0	8	1	1.	A1	01/11/1996			X	
		wo	9	7	1	5	7	1	1	A2	05/01/1997			X	
										& A3					
		WO	9	7	2	3	1	8	4	Ā1	07/03/1997			X	
		WO	9	8	2	3	8	1	3	A1	06/04/1998			X	
		WO	9	8	2	7	2	6	9	Al	06/25/1998			X	

<sup>\*&</sup>quot;NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56(c).

EXAMINER	OTHER DOCUMEN	COPY					
INITIALS	The first ages, Date & Flace of Publication						
	Abstract of SU Patent No. 1437450A1 as well as copy of patent	03/30/1987	NOTE				
	Abstract of JP Patent No. 4-73281 as well as copy of patent	03/09/1992	:				
	Article – The Chemistry of Wet-Strength Broke Repulping, Herbert H. Espy, Hercules, Inc., Progress in Paper Recycling, August 1992, pp. 17-23						
	Article - Wt Strength Resins and Their Application, TAPPI, Committee Assignment No. 810506.03, TAPPI Press, 1994		4 .				
EXAMINER		DATE CONSIDERED					
d	nitial if citation considered, whether or not citation fraw line through citation if not in conformance as this form with the next communication to applican	nd not considered. Include a c	EP 609; copy of				

-